

**NEXSPAN2™  
F SERIES**

**Disclaimer:** Selection of the product for adequacy should be made by individuals with knowledge of the intended application, locations, loadings, specifications and requirements of the project.

**FOR ALL THINGS FASTENING.**

**CUSTOMER SERVICE: 888.859.6060 | SALES@ALLFASTENERS.COM**

**Allfasteners NexSpan2™ F Series** is changing the game as modern contractors seek to simplify the design, fabrication, and installation of MEP equipment platforms and other steel structures.

NexSpan2™ F Series' pre-engineered, modular design paired with the patent pending NexSpan2™ T-Bolt and a complete range of connectors, provide an effortless framing system, eliminating the need for site welding and heavy cranes.

**APPLICATIONS**

▪ **Data Centers**

- Floor/Roof Mounted MEP Equipment Platforms
- Walkable Ceiling Structures
- Raised Floor Structures
- Chiller Piping Stands/Racks
- Multi-Level Trapeze Supports
- Transformer Platforms

▪ **Water/Waste Treatment Plants**

- Adjustable Pipe Stanchions
- Pump Stations
- Multi-Level Pipe Racks

▪ **Hospitals**

- Floor/Roof Mounted MEP Equipment Platforms
- HVAC Equipment Stands (VRF)
- Medical Gas Piping Stanchions

▪ **Airports**

- Floor/Roof Mounted MEP Equipment Platforms
- HVAC Equipment Stands (VRF)
- Chiller Piping Stanchions

▪ **For Installing in Challenging Environments**



**T-BOLT & SLOTS**

The NexSpan2™ F Series implements a unique M12 T-bolt made from 10.9 high grade steel up to 2,200 lbs load resistance. Paired with the NexSpan2's slot design, the T-bolt makes leveling frames and structures simple and fast - where traditional screw systems require precise alignment of holes.



**NEXSPAN2™ F SERIES IN ACTION**



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**BENEFITS & FEATURES**

- Similar loading properties to welded steel frames
- No on-site welding needed
- Reduced need for crane work and heavy lifting equipment
- Easy adjustment/leveling
- Well suited for installation in challenging environments
- Rapidly assemble with only an impact driver or torque wrench
- Compact packaging allows for simple transport
- Cost effective compared to welding structural steel
- T-Bolts feature a slot in the shank end, indicating correct installation
- Hot Dip Galvanized
- Made in the USA

Allfasteners' NexSpan2™ F Series offers unparalleled efficiency, durability, and adaptability, making it the optimal choice for contractors operating in dynamic environments.

With its modular design, rapid installation process, and ability to support heavy loads, contractors can confidently rely on NexSpan2™ to meet the rigorous demands of modern construction projects, such as data centers, hospitals, waste/water treatment plants, and airports ensuring both quality and efficiency from start to finish.



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**NEXSPAN2™ F SERIES TECHNICAL PRODUCT INFORMATION**

**MEMBER PROPERTIES**

	UNITS	AF-NS2-3	AF-NS2-4
Depth	in	3.000	4.000
Width	in	3.000	4.000
Thickness	in	0.125	0.125
Wt/ft.	lb/ft	4.4	6.0

**SLOT DIMENSIONS**

	UNITS	AF-NS2-3	AF-NS2-4
Height x Width	in.	9/16" x 2-3/4"	9/16" x 2-3/4"

**MATERIAL INFORMATION**

	UNITS	AF-NS2-3	AF-NS2-4
ASTM Specification		A500 Gr B	A500 Gr B
Minimum Specified Yield Strength	ksi	46	46
Minimum Specified Tensile Strength	ksi	58	58
Modulus of Elasticity	ksi	29000	29000

**GROSS SECTION PROPERTIES**

	UNITS	AF-NS2-3	AF-NS2-4
Design Thickness	in	0.116	0.116
Area	in <sup>2</sup>	1.300	1.770
Moment of Inertia	in <sup>4</sup>	1.780	4.400
Radius of Gyration	in	1.170	1.580

**EFFECTIVE SECTION PROPERTIES**

	UNITS	AF-NS2-3	AF-NS2-4
Effective Area	in <sup>2</sup>	1.043	1.506
Effective Web Area	in <sup>2</sup>	0.458	0.689
Effective Moment of Inertia	in <sup>4</sup>	1.507	3.903
Effective Section Modulus	in <sup>3</sup>	1.005	1.952
Effective Radius of Gyration	in	1.203	1.610

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**NEXSPAN2™ F SERIES ORDERING INFORMATION**

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PART #	SIZE	LENGTH	SLOT WIDTH
14NSF310	3 x 3 x 1/8"	10'	0.5625"
14NSF320	3 x 3 x 1/8"	20'	0.5625"
14NSF410	4 x 4 x 1/8"	10'	0.5625"
14NSF420	4 x 4 x 1/8"	20'	0.5625"

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